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The Students of Worcester Polytechnic Institute

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# TECH NEWS



VOL. XII

WORCESTER, MASS., MAY 3, 1921

NO. 29

## SHERWOOD EDDY GIVES ROUSING TALK BEFORE THE WHOLE SCHOOL

**Famous Lecturer Speaks on Present World Situation**

**Championship Basketball Team Awarded "W"—Tom Berry Captain For Next Year**

The April Assembly was held last Thursday, being postponed one week from the regular date in order to have as the speaker Dr. G. Sherwood Eddy, whose wide ability and position as a leader of Christian thought, and whose present lecture tour of American colleges was referred to in last week's NEWS. Dr. Eddy's reputation drew forth an unusually large attendance even the co-eds of the various office staffs about the Hill leaving their work for the hour, to occupy seats in the balcony.

The Assembly opened with a band selection, and then there followed presentation of a silver trophy cup to G. Bijur, '21, champion of the recent squash tournament, and award of the basketball "W" to W. W. Campbell, '21; T. W. Berry, '23; R. W. White, '23; F. Pickwick, '22, and Mgr. E. B. Saunders, '21, of the varsity squad; and to L. E. Murphy, '23; J. A. Whelpley, '23; C. A. Huntington, '21; W. E. Keith, '22, and Mgr. L. S. Potter, '22, of the second team. It was also announced that Tom Berry had recently been elected as next year's captain of basketball.

Dr. Eddy was briefly introduced by Pres. Hollis, and was greeted by a vigorous "Long Worcester" as he came forward.

He began by a brief review of the world situation today, declaring that every country in Europe and Asia is in the midst of some great national crisis, with strikes, hunger, famine, war to be met with on every hand; and then, turning swiftly to the forces behind this picture, launched into the reasons and the remedy. The first great pressing need of the world, Dr. Eddy declared, is bread; and the second is peace. The great war was waged for ideals of democracy, freedom, and right, and in spite of the present national, race, and class strife, these things must eventually triumph. This is a transition age, a change from might to right, but the question at issue is the means. Will it come peaceably or through further strife by evolution or by revolution? And Dr. Eddy is hopeful that it will be peaceably, by an adjustment of

(Continued on Page 7, Col. 1.)

## B. U. DEFEATED IN TRACK MEET

**Rain Makes Event More Like Swimming Meet**

**Tech Wins Many First Places—Strongest in the Dashes**

In what much resembled a swimming meet Tech opened its track meet season Saturday with a victory over Boston University. In a torrent of rain and on a water soaked field the two teams competed in a meet that resulted in a 70½ to 55½ score being piled up against B. U. The spectators were few in number, but brave, and huddled together they cheered Tech's squad on.

Tech captured first place in all the dashes, the mile and two mile, both the low and high hurdles and in the pole vault. B. U. showed up well in the field events, taking first honors in the jumps, hammer throw, shot put and discus throw. Morrison and Lundgren each won two first places for Tech, while Pickwick, Hoar, Johnson and Huntington each took one. Phagterplace of B. U. won three first places for his team, easily excelling in all the throws.

Summary:

100 yds.: Won by Morrison, Tech;

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## TENNIS SEASON OPENS WITH VICTORY

**Springfield College Loses in Singles—Rain Prevents Playing of Doubles**

Friday afternoon the tennis team played Springfield in the first match of the season, and emerged the victor by winning three sets of singles out of the four played. The weather was such that the doubles could not be played. The muddy balls were hard to see and both teams were handicapped. This was especially true of Sah, but nevertheless he put up a great game. Chapman, Chen and Bijur decided their matches in two sets, Chen showing the best form, only allowing his opponent one game. Foultnier, Sah's opponent, played well for Springfield.

The results of the matches were as follows:

Chapman defeated Noren 8-6, 6-2.

Chen defeated McMichael 6-0, 6-1.

Bijur defeated Munsen 6-3, 6-3.

Faultner defeated Sah 3-6, 6-3, 6-3.

Referees: Willard, Carrick, Perry, and Dr. Jennings.

## INTERFRATERNITY DANCE A GREAT SUCCESS

**Music is Hit of Evening—Gym Attractively Decorated**

**LARGE CROWD TURNS OUT IN SPITE OF BAD WEATHER**

All the joy in life seemed to be gone for those who were planning to attend the Interfraternity dance, last Saturday. What an afternoon and evening it was so far as the weather was concerned! Everybody hoped that the terrific downpours would cease before the dance began. But there was no hope.

In spite of the weather a great many autos and taxis were seen about the Gym entrance, and occasionally a gayly attired girl could also be seen making a mad rush from the auto to the entrance in order to keep the wave in her hair and needless to say to keep dry.

But all the memories of the weather on the outside faded for a while when one entered the dance hall. The decorations were excellent and it certainly shows how well our gym floor, which is a bare and sightless spot, can be changed into a brilliant spot by a few decorations well chosen and arranged. The appearance from above was that of a lawn party without the lawn. Enormous crepe paper domes of red and white were cleverly hung above to hide the steel girders and Japanese lanterns were strung from the four corners of the hall and met a large dome in the center. The fraternity banners were in their usual places and under these, hanging from the track, were a great many lanterns.

The patrons and patronesses were chosen from each fraternity, and were as follows:

Prof. and Mrs. Percy R. Carpenter.

Prof. and Mrs. Carlton A. Read.

Prof. and Mrs. Richard C. Joslin.

Prof. and Mrs. Carl D. Knight.

Prof. and Mrs. John B. Zinn.

Mr. and Mrs. William C. Himmer.

Mr. and Mrs. Donald A. Hamilton.

Without a doubt the hit of the evening was the music. Wittstein's orchestra was imported from New Haven and they rendered dance music such as never before had been heard in the Gym. As the evening wore on the peepier they seemed to become. Led by a violinist who seemed to play his instrument as easily on his back as his shoulder they produced a brand of music that will long live in the memories of all who heard them.

It seemed only a few minutes be-

(Continued on Page 5, Col. 2.)

## TECH LOSES TO MASS. AGGIES

**Errors Prove Fatal—Use of Spitball Delays Game Several Minutes**

**BRIGHAM PITCHES GOOD GAME FOR M. A. C.**

The Massachusetts Aggies defeated Tech last Wednesday to the tune of 8 to 4. A few unfortunate errors were the cause of at least four runs. Both sides were kept down until the fifth inning when Murphy's error at first started the scoring.

Bagley started the game off in great style by fanning the first two men, and after Lent and Collins were on third and second struck out the next man up, retiring the side. Meyer was the first man up for Tech and knocked the ball for a two bagger. Stoughton advanced him to third with a sacrifice. But the pitching of Brigham proved too much for Cy Campbell and Higgins and our side was retired, Cy knocking a fly to center and Higgins grounding to second.

In the second inning Bagley struck out the first man up and the next two made short bunts to the infield, Dick Mason's fly to center was corralled and then Joe Mason's grounder went the same path. Kittredge made first on a hard fly to second but Murphy's grounder was picked up near second and no score was made.

Tech retired the opponents early in the next inning by infield grounders. Meyer again hit safe but was caught stealing second. Stoughton made the bag soon after, only to be picked off in the same way at second. Bagley's grounder to second closed the inning.

Lent started the next inning by passing out at first on a grounder to Joe Mason and then Cy succeeded in corraling Collins' fly to center. Capt. Newell made first on a grounder to center, but Moseley's fly to right closed the side. Campbell brought up our hopes again by making first on a scratch hit in the infield. Higgins failed to get his eye on the ball, however, and was counted out. Capt. Campbell was caught at second in an attempt to steal. Dick Mason drove a line hit into deep right but was held up on third although he might have scored on Moseley's poor throw to the plate. Davis gathered Joe Mason's foul fly and closed the side.

Bagley passed the first man up. Sargent drove a grounder just inside the first base, but Murphy failed to get it and a hit was scored. Lent's grounder advanced both men on base. Ball's

(Continued on Page 3, Col. 1.)

## TECH NEWS

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The Tech News Association of  
Worcester Polytechnic Institute  
TERMS

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### EDITORIAL STAFF

Russel A. Reed, '22 Editor-in-Chief  
Irving R. Smith, '21 Advisory Editor  
Russell H. Pearson, '21 Advisory Editor  
Leslie M. Abbe, '22 Advisory Editor  
Morgan M. Whitney, '22 Managing Editor  
A. W. Barr, '22 Associate Editor  
Edwin B. Coghlin, '23 Associate Editor  
Stirling M. Logan, '23 Associate Editor  
Oswald H. Dodkin, '23 News Editor  
Ira W. Bell, '23 News Editor  
Albert H. Heineck, '22 News Editor

### BUSINESS DEPARTMENT

Howard P. Putnam, '22 Business Mgr.  
John N. Styffe, '24 Adv. Mgr.  
Philip J. Robinson, '23 Subscription Mgr.

### REPORTERS

Contributing to This Issue

G. Hoag, '24 D. J. Minott, '24  
G. M. Seidel, '23 R. F. Whitcomb, '24  
D. S. Greenlaw, '24 J. C. Adams, '23  
W. W. Metcalf, '24 H. S. Johnson, '24  
A. Storms, '24

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### THE HEFFERNAN PRESS

Spencer, Mass.

MAY 3, 1921

### MOTHERS' DAY

Sunday, May 8, is Mothers' Day. Dedicated thus, it becomes a day whose observance is not only a duty but a cherished privilege. Other days may have their patriotic or other significance, but this one alone is centered about that cornerstone of our lives, our homes.

To urge the proper observance of this day would be merely a waste of time and space, for on such a question there could be only one mind. Yet forgetfulness and neglect are wont to crop up, even where the best of intentions exist, and it is with these two factors in mind that we wrote this little reminder. Remember her to whom you owe most in this life, and to whom your success or failure means everything. Mark off next Sunday now, and when the day comes, don't fail to keep it with some little token.

### THE PROPOSED NEWS ASSOCIATION CONSTITUTION

On another page is the proposed new constitution for the NEWS which was presented at the April meeting and will come to a vote in May. To any who have had intimate connection with the working of the NEWS the need of a new constitution has been apparent for some time. While the present system is good in many ways, in many more it has proved far from adequate.

The situation in an engineering school is much different from that found in the ordinary college. Time for outside activities is much more limited and this fact must be taken account of in the organization of a school paper. In making up the accompanying constitution the committee has given careful study to those of "The Tech" from M. I. T. and "The Stute" from Stevens, two of the best weeklies from schools of our type. Their good points have been selected and combined in a form that fits our needs.

It is in the matter of time and responsibility that our method has most noticeably failed. At present responsibility for everything is given to one or two men so that in order to do the work properly altogether too much time must be given to it, much more than studies can bear. By putting each part of the work in charge of a man and holding him responsible for it much is hoped for. It is the method that successfully works elsewhere.

Politics is another thing that must be eliminated to secure a real organization, one capable of producing a first-class paper. With this object in view, also, the new constitution has been drawn up. Promotions are to be only upon merit and work done. By withholding the vote from freshmen filling the association with them just to swing an election is prevented. All working will be those really desiring a place on the staff.

Every member of the Association is urged to read the proposed constitution carefully and come to the next meeting prepared to help put through a constitution that will make TECH NEWS a better paper.

### HOW ABOUT IT?

The visit of Dr. G. Sherwood Eddy to the Institute has been a much-heralded event, as has been the case at all colleges the country over. Everywhere on his tour this noted author, missionary and student of practical industrial problems and one of the greatest figures in the International Y. M. C. A., has met with a hearty reception. And his message to college men regarding the present world situation, based on wide travels and close personal study of present conditions all over the world, has universally brought inspiration and stimulating thought. There has sometimes been criticism, whether well-founded or not, of certain of his doctrines, but this has served chiefly to accomplish one of his own aims, and provoke greater thought from undergraduate bodies as to the very real problems they will soon be called upon to face.

At Worcester Tech his visit proved no exception to the general rule. His appearance at the April Assembly was greeted by a rousing cheer, and his address on "The Challenge of the Present World Situation" was applauded to the echo. Apparently Tech men are solidly in sympathy with his sentiments. Later comment by individuals, too,—which news observers have learned to recognize as one of the surest indications of real opinions—seem to bear this out.

It remains, then, for us to follow up our convictions and take advantage of the opportunity hinted at for summer experience in the infinitely important field of human engineering. None of us can neglect this phase of our training and expect to be able to cope with the larger problems which must be met in the next quarter of a century, or become well rounded engineers. And if we cannot formally enter such experience this summer let us resolve to make the most of the opportunities which do offer. Are we men of deeds—or of words only?

### AMONG THE FRATERNITIES

Major Jerome W. Howe, '09, a member of Delta Tau, has been elected secretary-treasurer of the U. S. Cavalry Association. He has also been made editor of the Cavalry Journal, which is a paper published quarterly by the association. He has recently been transferred from Texas to Washington. Major Howe has been in the army since 1913 and was aide-de-camp in Mexico to General George A. Dodd, who commanded the rapid cavalry pursuit of Villa. Recently he has been in France adjusting French claims against the U. S. Government. The major expects to come to Worcester in June to attend the Commencement exercises at Tech. Phi Sigma Kappa announces the initiation of M. J. Rice, '23; M. E. Goddard, '24, and H. P. Latimer, '24. Last week C. B. Wagner, '08, called at the house.

L. C. Whitney, '21, stayed at the Phi Gamma Delta house over the week-end. He attended the game and dance.

Paul M. Abbott, '20, recently visited Theta Chi house.

Frederick H. Scher, '23, was initiated into Alpha Tau Omega last week.

### C. E. DEPT. NOTES

Recent visitors to the department are: C. G. Spaulding, '09; A. W. Stearns, '18, and C. S. Darling, '17. Mr. Spaulding, who is with the United Fruit Co. in Cuba, has been in charge of building reinforced concrete hospitals. Mr. Stearns is a designing engineer in the employ of the Standard Oil Co., in Providence, R. I. Mr. Darling is from Chicago and is at present the managing editor of "Factory."

The department received recently an article from Lima, Peru, written by R. E. Spaulding, '09, on "Architectural Lima." Spaulding is with the Fred T. Ley Co. Associated with him are F. A. Dorman, '08; M. B. Arthur, '20; and T. W. Wyllie, '20.

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Larry—What woke you up?

Harry—The heat.—Virginia Reel.

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(Continued from Page 1, Col. 4.)

**Tech Loses to Massachusetts Aggies**

grounder drove in two runs. Infield grounders by the next two men closed the side. Tech failed to make a showing in the last half, retiring by grounders and a fly.

Collins hit safe and after Newell had sacrificed, advancing his man to second, Moseley made first on a scratch hit at the same time driving in a run by the aid of a wild throw to third. Meyer passed out with a fly to first and Stought's foul tip was caught by the catcher. Campbell grounded to second, retiring the side.

The seventh inning proved to be luckier for the Aggies than for Tech. Davis made first and proceeded to steal second and then third while Brigham was getting ready to score a two bagger. This scored one run for the opposing camp. Sargent made first and scored on Lent's two bagger, after Brigham had already scored. Lent was brought home by Collins. Higgins made first and was advanced to third by Dick Mason's sacrifice. Joe Mason's two bagger brought Higgins home. Kittredge drove to left and Mason scored, making the score 7 to 2.

In the ninth Sargent scored on Sponberg's wild throw to third. Higgins and Dick Mason both scored in the ninth but left us at the young end of the score 8 to 4.

**MASSACHUSETTS AGGIES**

	ab	r	lb	po	a	e
Davis 3b	4	2	1	1	2	0
Sargent rf	5	2	2	2	0	1
Lent ss	5	1	2	0	0	1
Collins cf	5	0	1	4	0	0
Newell c	4	1	1	4	3	0
Moseley 2b	4	0	1	3	4	0
Ball lf	4	1	1	1	0	0
Kroek 1b	4	0	0	10	1	0
Brigham p	3	1	1	0	3	1

Totals 38 8 10 25 13 3

**TECH**

	ab	r	lb	po	a	e
Meyer 2b	4	0	3	1	2	1
Sponberg 2b	0	0	0	2	0	1
Stoughton 3b	3	0	1	0	3	0
Smith 3b	1	0	0	0	0	0
Campbell cf	4	0	0	3	0	0
Higgins lf	4	2	2	0	0	0
F. R. Mason c	4	1	2	5	1	0
J. Mason ss	4	1	1	2	3	1
Kittredge rf, p	4	0	0	2	1	1
Murphy 1b	4	0	0	11	0	2
Bagley p	2	0	0	1	2	1
Morse rf	2	0	0	0	0	0

Totals 36 4 9 27 12 7

Innings 1 2 3 4 5 6 7 8 9

Mass. Aggies	0	0	0	2	1	4	0	1	8
Tech	0	0	0	0	0	2	0	2	4

Two-base hits: Lent, Collins, Brigham, Meyer, F. R. Mason. Three-base hit: F. R. Mason. Stolen bases: Sargent, Newell, Kroek, Meyer, J. Mason. Sacrifice hits: Brigham, Stoughton. Sacrifice flies: Kittredge 2. Innings pitched: Bagley 7, Kittredge 2. Hits: off Bagley, Davis, Sargent, Lent 2, Collins, Newell, Moseley, Ball, Brigham; off Kittredge: Ball, Moseley. Base on balls: by Bagley, Davis. Struck out: by Brigham, Smith, Higgins, Morse,

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And now, depend upon it that in 1921 as at any time during the last hundred years, the world is on the eve of important inventions and discoveries and their commercialization in the realm of electricity.

How momentous these developments shall become in the next forty years is largely up to you men now in college. It will fall upon you to work out interconnection systems, to manage water-power projects, to plan electrification of railroads, to extend the lines of communication into new lands.

There are seventy million Americans who do not use electricity in their homes. One of your jobs will be to supply them.

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\* \* \*

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"Mary is a great vegetarian."

"Yes, even her parlor is a mushroom."—Puppet.

**AFTERMATH**

Order your copy of the Aftermath NOW. A delay in ordering means a delay in publishing. The committee expects to have them ready in time for Commencement and you can help by getting your order in early. There's a man in your division who will sign you up.

**PHI BETA DELTA FRATERNITY  
ANNOUNCES PLEDGES**

Phi Beta Delta has pledged the following men:

Louis M. Shack  
Nathan L. Filansky  
Samuel Kavalier

## NEW CONSTITUTION DRAFTED FOR NEWS

### Committee Proposes Re-organization —To Be Voted on at May Meeting

Below is the proposed new constitution for the TECH NEWS ASSOCIATION. This was presented at the April meeting of the Association, which was held last Tuesday, and will come to a vote at the May meeting. The need of a reorganization of the method of running the NEWS is obvious to all who have been closely connected with it. All members of the Association are asked to give this new constitution careful consideration. It will be fully discussed and voted on at the May meeting and the date will be announced soon.

#### ARTICLE I—NAME AND PURPOSE

Section 1. This organization shall be known as the Tech News Association of the Worcester Polytechnic Institute.

Section 2. It shall be the duty of the Tech News Association to publish the college weekly known as the TECH NEWS.

#### ARTICLE II—MEMBERSHIP

The Tech News Association shall consist of any number of men as provided below.

Section 1. Five members of the Senior Class, viz.: Editor-in-Chief, Managing Editor, News Editor, Athletic Editor, and Business Manager, who shall constitute the TECH NEWS BOARD.

Section 2. Six members of the Junior Class, viz.: Advertising Manager, Subscription Manager, and four Editorial Assistants, who shall act in such capacity as the Board may direct.

Section 3. Any number of Juniors and Seniors who may serve in the Association as Contributors.

Section 4. Any number of Sophomores and Freshmen who may serve in the Association as Reporters or as Business Assistants.

Section 5. Any number of men may serve in the Association in associate editorial positions.

#### ARTICLE III—VOTING

Section 1. All members of the Tech News Association shall be entitled to one vote, except that the five Senior positions of the TECH NEWS BOARD shall each carry three votes, the six Junior members described in Section 2, Article II, shall each have two votes, and the Freshmen shall have no vote, but they may attend meetings and enter discussions.

#### ARTICLE IV—ELECTION TO MEMBERSHIP

Section 1. A Freshman or Sophomore is eligible for election to the Association as a Reporter when he has completed the following work: (a) he must have published 40 inches of 8 point 13 em measure, solid copy, or the equivalent thereof. (b) He must have a general knowledge of typography and be able to read proof. (c) He must have a general knowledge of the Constitution and workings of the Association.

Section 2. A Freshman or Sophomore is eligible for election to the Association as a Business Assistant when he has helped the Business Manager, the Advertising or the Subscription Managers by folding, wrapping, addressing, soliciting advertisements, or in any other manner, for twelve (12) hours.

Section 3. A Junior or Senior is eligible to the Association as a Contributor when he has published forty (40) inches of 8 point 13 em measure solid copy or the equivalent thereof.

Section 4. At the Annual Election, four Sophomore Reporters shall be elected by a majority vote of the Association to the four Junior editorial positions.

Section 5. At the Annual Election, two of the Sophomore Business Assistants shall be elected by a majority vote of the Association to the positions of Advertising Manager and Subscription Manager.

Section 6. The Reporters who fail of election to the Junior editorial positions may remain on the Association as Contributors during their Junior and Senior years. The Business Assistant who fails of election to Advertising or Subscription Manager may remain on the Association as such during their Junior year.

Section 7. At the Annual Election, one of the four Junior Editorial Assistants shall be elected by a majority vote of the Association to the position of Editor-in-Chief. The three remaining Junior Editorial Assistants shall be appointed by the Editor-in-Chief to the positions of Managing Editor, News Editor and Athletic Editor.

Section 8. At the Annual Election, the Advertising Manager and the Subscription Manager shall be eligible for election by a majority vote of the Association to the position of Business Manager.

Section 9. By a unanimous vote of the TECH NEWS BOARD, men showing exceptional ability may be elected to Associate Editorial positions, such as Art Editors, Photographic Editor, etc.

#### ARTICLE V—DUTIES OF MEMBERS

Section 1. The Editor-in-Chief shall be responsible for the general welfare and editorial policy of the TECH NEWS. It shall be his duty to act as general supervisor of all matters pertaining to the TECH NEWS, and to be in direct charge of all material appearing in the editorial columns.

Section 2. The Business Manager shall be responsible for the finances, circulation and advertising makeup of the TECH NEWS. It shall be his duty to act as supervisor of the Business Board.

Section 3. The Managing Editor shall be responsible for the new makeup, proofing, and punctual publication of the TECH NEWS. It shall be his duty to act as supervisor of the Editorial Board.

Section 4. The News Editor shall be responsible for all non-athletic news appearing in the TECH NEWS. It shall be his duty to cooperate with the Athletic Editor in making assignments to the Junior Editorial Assistants and to

the Reporters or Contributors.

Section 5. The Athletic Editor shall be responsible for all athletic news appearing in the TECH NEWS. It shall be his duty to cooperate with the News Editor in making assignments to the Junior Editorial Assistants, the Reporters or the Contributors.

Section 6. Any Junior Editor (a) If given an assignment by the News Editor or the Athletic Editor shall be responsible for the authenticity and punctual covering of the said assignment. (b) If given charge of a column or department by the Editor-in-Chief, shall be responsible for everything contained therein, and for the punctual writing thereof. (c) If given charge of an issue of the TECH NEWS shall assume the responsibilities of the Managing Editor. (d) Shall have as his duties any task assigned him by the Managing Editor, the News Editor or the Athletic Editor.

Section 7. Any Contributor shall be required to handle any assignment that may be given him by any of the Senior Editors, and shall be responsible for the punctual writing thereof and the authenticity of his article.

Section 8. The Advertising Manager shall be responsible for the obtaining of all advertising matter appearing in the columns of the TECH NEWS. He shall be required to perform all duties assigned to him by the Business Manager pertaining to the Advertising in the TECH NEWS, and shall also direct the work of the Business Assistants who are competing for this position.

Section 9. The Subscription Manager shall be responsible for the distribution of the TECH NEWS to all subscribers or others who may be entitled to receive the paper, and shall perform all duties assigned to him by the Business Manager pertaining to the Circulation of the NEWS. He shall also direct the work of the Business Assistants who are competing for this position.

Section 10. Any Reporter (a) Same as Section 6, Paragraph a, above. (b) If given charge, with a Junior Editorial Assistant, of an issue of the TECH NEWS, shall be under the direction of the said Junior Editorial Assistant. (c) Same as Section 6, Paragraph d, above.

Section 11. Any Business Assistant shall be responsible for the efficient fulfillment of all the duties assigned to him by either the Business Manager, or the Manager of the Department in which he is competing. His duties shall be such as may be assigned to him by the Business Manager or the Manager of the Department in which he is competing.

Section 12. Any man holding an associate editorial position such as Art Editor, Photographic Editor, etc., shall be responsible for the efficient fulfillment of the duties of his position, as they may be outlined to him by the TECH NEWS BOARD.

#### ARTICLE VI—VACANCIES

Section 1. (a) In the event of a vacancy in the position of Editor-in-Chief, the Managing Editor shall act as Editor-in-Chief temporarily until one of the Senior Editors is elected by the Association. (b) In the event of a vacancy in the position of Managing

Editor the Editor-in-Chief shall appoint either the News Editor or the Athletic Editor to fill this position. (c) In the event of a vacancy in the positions of News Editor or Athletic Editor, the Association shall elect one of the Senior Contributors to fill this position.

Section 2. In the event of a vacancy among the Junior Editorial Assistants, the Association shall elect one of the Junior Contributors to fill this position.

Section 3. The Subscription Manager shall advance to the position of Business Manager in case the latter position becomes vacant, and one of the Junior Business Assistants who competed in the Circulation Department shall be elected to the position of Subscription Manager in his place.

#### ARTICLE VII—RECALL OF MEMBERS

Section 1. If at any time any member of the Tech News Association fails to perform the duties of his position as laid down in this Constitution, he may be recalled from membership in the Association by a three-quarters (¾) vote of the Association. His vacancy shall be filled as provided for under Article VI.

#### ARTICLE VIII—AMENDMENTS

Section 1. An amendment to this Constitution may be made by a three-quarters (¾) vote of the Association.

#### ARTICLE IX—RE-ORGANIZATION

Section 1. In the event of the adoption of this Constitution by the Association, all other Constitutions, By-Laws, Rules which may be in existence shall become null and void immediately upon that adoption.

Section 2. The present membership of the Association shall be assigned to positions in accordance with this Constitution by the Editor-in-Chief acting with the Committee on Revision of the Constitution.

Section 3. That part of Article III, Section 1, which applies to the voting of Freshmen, shall not take effect until September 15, 1921.

Respectfully submitted,  
ROGER R. JENNESS,  
RUSSELL H. PEARSON,  
IRVING R. SMITH, Chairman,  
Committee on Revision of Constitution

#### E. E. NOTES

All the members of the present Senior class, who are completing the E. E. course, have not, as yet, located themselves with any companies. The following men, however, have completed arrangements for the positions which they will take up after graduation:

H. S. Black and M. C. Goddard are to locate with the Western Electric Co., New York City.

E. J. Burley, with the Massachusetts Oilless Bearing Co., in Boston.

R. E. Chapman, taking up a position in "Works Management" with the Westinghouse Electric Co., in Pittsburgh.

I. R. Smith, with the Westinghouse Electric Co., at Pittsburgh.

O. B. French will be Prof. Smith's assistant during the coming year.



## MUSICAL CLUBS GIVE CONCERT IN HOLDEN

### Large Audience Fills Town Hall—Numbers Well Received

The concert which was given last Tuesday night at the Town Hall in Holden proved to be one of the most successful this year. Despite the fact that it was taken on rather short notice most of the men showed up in good style so that when the final count was taken just before the start of the concert the Association numbered some forty men.

The audience was perhaps one of the most appreciative that the different clubs have shown before this year. They thoroughly enjoyed the clog dancing by "Bill" Sessions and the by-play among the members of the Glee Club during their medley of popular songs. The Orchestra and Mandolin Club came in for their share of the applause, too. It was only due to the fact that a limited supply of music was at hand that forced all the clubs to refuse the encores clamored for.

The trip out was slightly more eventful than the ordinary trip. About half way out, as the car was rounding a curve, the trolley flew off, striking a guy wire and snapping it in two. As the wire fell it fell across the trolley wire and the rails causing a heavy short circuit and putting the line out of commission for a few minutes. However, in a very few minutes, the conductor with the aid of several embryo engineers had the debris cleared away and the journey was resumed, the men reaching Holden in plenty of time to prepare for the concert.

This week the Mandolin and Glee Clubs go to Princeton for possibly the last concert of the season. The trip will be made by automobile and the full particulars will be announced a little later on the bulletin board of Boynton Hall.

Charms are to be given away this year as usual, although the exact method of awarding them will be somewhat changed perhaps. There have been a good many men this year who have been very erratic in their attendance of rehearsals and concerts and it is highly probable that not so many men will be entitled to the coveted charm as there were last year. These charms are to be made better than last year and consequently will cost the association more, so that the number given out will necessarily have to be cut down.

### PRES. HOLLIS HAS SECURED PASSAGE

President Hollis has arranged to take passage on a Canadian Pacific steamer which leaves Montreal at 10 A. M. June 16, for London, where he is going as one of five delegates to represent the United States Engineers at a Convention of the British Institute of Civil Engineers on June 29. He is to make an address before the British Engineers on June 29. President Hollis will be accompanied by his two daughters, Eleanor and Jeanette. He expects to return to the United States in August.

## FRATERNITY BASEBALL SERIES CONTINUES

### Rain Prevents Several Games

Monday evening S. A. E. won a five-inning game from P. G. D. to the tune of 13-2. S. A. E. started off things by getting six runs in the first inning. With this lead imposed on them P. G. D. seemed to lose heart and nearly every inning brought in a tally for S. A. E. The batteries were McGlincey and Judson for S. A. E. and Carrick and Needham.

T. C. VS. D. T.

On Tuesday evening Theta Chi beat Delta Tau by a score of 9-1. Theta Chi held their opponents scoreless until the last inning. On account of the darkness the game could not go the scheduled seven innings, so the game was called after five innings. Batteries for each side were Howe and Gianni for Theta Chi and Towle and Hapgood for Delta Tau.

A. T. O. VS. D. T.

Thursday evening A. T. O. defeated D. T. by a score of 13-4. The game started by both teams playing tight baseball but by the end of the third inning A. T. O. had their opponents by a 9-1 score due to timely hitting and numerous errors. On account of darkness the game only went five innings, instead of the scheduled seven. Batteries for A. T. O. were Colesworthy and McCaslin and for D. T. were Sanborn and Johnson.

On account of rain and wet grounds the other games of the week were postponed until a later date.

(Continued from Page 1, Col. 3.)

### Interfraternity Dance a Great Success

tween the first strains of the opening dance until the orchestra announced that there would be a short intermission. For a time everybody was busy with their tasty refreshments and then bursts of laughter could be heard from different groups of merry-makers. The orchestra didn't take much time for their refreshment and the music seemed to say: On with the dance!

Twelve o'clock came all too soon and the many sighs were heard about the hall when the last dance was played. The orchestra seemed to have even more pep towards the last as many of them showed. Everyone had such a good time and the evening seemed so short that it is not to be wondered at that the sound of "Good Night, Ladies," made the merry-makers sigh.

After the dance all thoughts were turned to the weather and much to the disappointment of all the down-pour still continued. It was some time before all the cars had departed.

The revival of the interfraternity dance was such a big success in every way that it is hoped that this affair will again be held each year as it has been the custom in previous years. And last but not least the committee in charge is to be complimented, for by their untiring efforts only this social function for the promotion of better relationship between the various fraternities was made possible.

## SOPHOMORE HOP IS PLANNED

### Date Set at Friday, the 13th

Now that the interfraternity dance is over there remains but one big social time before the close of school. This dance, the Sophomore Hop, is a yearly affair and this year the party promises to surpass anything ever held in the gym. The date has been set for Friday night, May 13th, but the fact that it is Friday, the thirteenth, will not act as a jinx.

The patrons and patronesses will be announced in next week's "NEWS." The Worcester Variety orchestra of ten pieces has been engaged to furnish the music. Anyone who has ever heard them play will want to hear them again while for anyone who has never heard them it will be a treat of good music.

The committee has already completed plans for the decorations and the gym will be in an unrecognizable condition. Refreshments, which will be out of the ordinary will be served, and these are included in the price of the ticket, which has been fixed at two dollars plus war tax. The hours of the dance are from 9:00 until 2:00. These will allow everybody to be here and to spend a long, enjoyable evening. The dance will be strictly informal, which adds greatly to the comfort of the dancers.

The tickets are in the hands of the committee and a strong selling campaign will be started this week, so everybody dig deep and get the price as the dance will be well worth it.

### SKEPTICAL CHYMISTS

The regular meeting of the Skeptical Chymists was held on Monday evening, April 24, at eight o'clock. Mr. Fisher reported on the arrangements for the chymists' annual dance. This is to be held on Monday, May 9, in the gym. As this dance comes on a regular meeting night it was voted to hold a special meeting on May 2.

The first paper of the evening was presented by W. E. Lawton on "The Structure of Atomic Nuclei." This paper was founded on the recent work of W. D. Harkins. The theory was very well explained, and highly interesting. Most of the audience expressed their joy at being over the course before this theory can be worked out and incorporated into the regular courses, as it is exceedingly difficult.

A very amusing and interesting paper was presented by C. M. Lyman. Mr. Lyman outlined the history of the chemistry course at the Institute. The paper was humorously presented, and was well received by the audience.

Mr. K. Ritter gave a short outline of the role of chemistry in the cement industry and showed how chemistry had brought the industry to its present perfected state. The last paper of the evening was read by Mr. M. Hurovitz on the action of sodium sulfide on iron oxide.

After such a strenuous program, the refreshments were well received, and the social hour was prolonged beyond the usual time.

## BORROWED WIT

The Father: How is it Sir that I find you kissing my daughter? How is it?

The Sutor: Great, great!—Burr.

"Jones committed suicide this morning."

"What in Hell?"

"Most probably."—Tiger.

### The Same Old Line

A little spider  
A little girl  
A little squeal  
A little whirl.

He's not the first  
Bug to get hurt  
Spinning a line  
To catch a skirt.—Burr.

"How do you get down off an elephant?"

"You win—how?"

"You don't get down off an elephant, you get it off a duck."—Purple Cow.

### College As She Looks

To the movie producer:—"The one and only Utopia."

To the girl back home:—"A delightful place simply bubbling over with sport and adventure."

To the folks back home:—"An excellent opportunity for a young man to learn how to spend money."

To the professor:—"A gift to civilization for the education of the masses and the consequent betterment of humanity in general."

To the student:—"A hard place to get into, stay in, or get out of."—Punch Bowl.

Examiner:—(questioning applicant for life saving job)—"What would you do if you saw a woman being washed out to sea?"

Applicant:—"I'd throw her a cake of soap."

Examiner:—"Why a cake of soap?"

Applicant:—"To wash her back."—Panther.

"I hear you had a pretty successful banquet at your house last night."

"Yeah, a couple of our alumni are revenue officers."—Froth.

Froth:—"You surely are a good dancer."

Co-ed:—"Thank you, I'm sorry I can't return the compliment."

Froth:—"You could if you were as big a liar as I am."—Mugwump.

She (feelingly):—"You're not used to dancing this way?"

He (falteringly):—"No—er—not to music."—Campus.

The kind old gentleman met his friend, little Willie, one very hot day.

"Hello, Willie," he exclaimed. "And how is your dear old grandpa standing the heat?"

"Ain't heard yet," said William. "He's only been dead a week."—Tar Baby.

## FRATERNITY TRACK MEET HELD APRIL 25th

### Phi Sigma Kappa Wins

On Monday afternoon, April 25th, the inter-fraternity track meet, postponed from the previous Saturday, was successfully held. Phi Sigma Kappa coming out on top with 54 points. Second place went to Lambda Chi Alpha, with 44 points. Morrison and Pickwick starred for P. S. K. in the dashes, while Brown and Dudley did fine work in the discus and hammer throws. Lambda Chi Alpha had good men in Lundgren and Wightman and Hoar showed his usual good form in the distance runs. Leyland from L. C. A. sprung a surprise in winning second place in the quarter-mile after an exciting race with Carter of Theta Chi.

Coach Powers is well pleased at the outcome of the meet as it not only brought out men that will be sure future point-getters but also assured him that all of the veterans are still in good form. Last Saturday there was a dual meet with Boston University and the coach put forward our best men.

#### Summary of events:

100 yard dash—1st, Morrison, P. S. K.; 2nd, Pickwick, P. S. K.; 3rd, Leyland, L. C. A.; 4th, Bateson, P. S. K.  
Time: 10 2-5 seconds.

120-yd. hurdles—1st, Lundgren, L. C. A.; 2nd, Lyman, A. T. O.; 3rd, Carter, T. C.; 4th, L. O. Lundgren, L. C. A.  
Time: 17 1-5 seconds.

Quarter-mile dash—1st, Pickwick, P. S. K.; 2nd, Leyland, L. C. A.; 3rd, Carter, T. C.; 4th, Leonard, T. C.  
Time: 55 seconds.

Half-mile run—1st, Marston; 2nd, Hoar, L. C. A.; 3rd, Devoe, P. S. K.; 4th, Hayden, T. C. Time: 2 min. 10 2-5 seconds.

Mile run—1st, Hoar, L. C. A.; 2nd, Marston; 3rd, Johnson, P. S. K.; 4th, Gallotte. Time: 4 min., 46 sec.

Shot put—1st, Perry; 2nd, Brown, P. S. K.; 3rd, Sessions; 4th, Jones. Distance: 33 ft. 10 in.

Broad jump—1st, Wightman, L. C. A.; 2nd, Brown, P. S. K.; 3rd, Huntington, P. S. K.; 4th, Carter, T. C. Distance: 20 ft. 1 in.

Pole vault—1st, Lyman, A. T. O.; 2nd, Kittredge, L. C. A.; 3rd, Huntington, P. S. K.; 4th, Dudley, P. S. K.

High jump—1st, Lundgren, L. C. A. and Wightman, L. C. A., tied; 2nd, Lyman, A. T. O.; 3rd, Carter, T. C. Distance: 5 ft. 2 in.

Hammer throw—1st, Dudley, P. S. K.; 2nd, Brigham, A. T. O.; 3rd, Lundgren, L. C. A.; 4th, Brown, P. S. K. Distance: 92 ft. 7 in.

Discus throw—1st, Brown, P. S. K.; 2nd, Stevenson, P. S. K.; 3rd, Kittredge, L. C. A.; 4th, Dudley, P. S. K. Distance: 96 ft. 5 in.

220-yard dash—1st, Morrison, P. S. K.; 2nd, Pickwick, P. S. K.; 3rd, Leyland, L. C. A.; 4th, Bateson, P. S. K. Time: 23 2-5 sec.

220-yard hurdles—1st, Lyman, A. T. O.; 2nd, Lundgren, L. C. A.; 3rd, Carter, T. C.; 4th, Anderson, P. S. K.

Total points—Phi Sigma Kappa, 54; Lambda Chi Alpha, 44; Alpha Tau Omega, 17½; Non-Fraternity, 17; Theta Chi, 10½.

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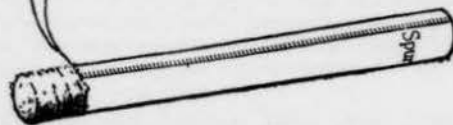
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# Spur Cigarettes



(Continued from Page 1, Col. 1.)

**Sherwood Eddy Gives Rousing Talk**  
 wrongs, around the council table. That there are very real wrongs in our whole social order, both in England and America, he insisted upon in no uncertain terms. The great concentration of wealth and land-holdings, and also industrial power, on the one hand, and the corresponding increase in poverty on the other end of the scale, were severely criticized. He quoted Justice Brandeis' dictum as to the cause, namely, the anomaly of our system of political democracy, side by side with industrial autocracy.

Turning now to solutions of the situation he referred to socialism, syndicalism, and the English guild system, but declared that personally his only hope lay in the teachings of Jesus Christ. Very graphically he enunciated wise principles and their opposites, insisting that every college man must choose which of the two types his life would follow. Personality against possessions, brotherhood against strife, service against profit, liberty or repression, justice or injustice, accountability or irresponsibility, the Golden Rule or the Rule of Gold—these are the conflicting ideals which Sherwood Eddy conjured up, and between which he so vigorously demanded, "Choose!"

As to practical applications of the Golden Rule, he commanded a further recognition of the human factor in industry, and declared that business and religion can mix, further insisting, on the score of liberty, that the era of special privilege must end.

In conclusion, Dr. Eddy warned that in the industrial problem in America we are approaching our third great national crisis, and that Tech men, as engineers, should be prepared to meet the challenge.

The Assembly closed with the singing of the Alma Mater.

#### CALENDAR

##### Tuesday, May 3—

Baseball with Bowdoin, 4:00 P. M.  
 Track Practice 5:00 P. M.  
 Baseball, P. S. K. vs. S. A. E., 6:30 P. M.

##### Wednesday, May 4—

Baseball Practice 4:30 P. M.  
 Track Practice 5:00 P. M.  
 Tennis Match with M. I. T. at Cambridge.

Baseball, D. T. vs. P. G. D. 6:30 P. M.

##### Thursday, May 5—

Baseball Practice 4:30 P. M.  
 Track Practice 5:00 P. M.  
 Baseball P. S. K. vs. T. C. 6:30 P. M.  
 Glee Club Rehearsal 5:00 P. M.

##### Friday, May 6—

Baseball Practice 4:30 P. M.  
 Track Practice 5:00 P. M.  
 Concert at Princeton.  
 Baseball, A. T. O. vs. S. A. E., 6:30 P. M.

##### Saturday, May 7—

Baseball game with Stevens at Hoboken.  
 Tennis Match with Amherst at Amherst.

##### Monday, May 9—

TECH NEWS assignments 5:00 P. M.—M 113.

(Continued from Page 1, Col. 2.)

#### B. U. Defeated in Track Meet

Linerici, B. U., 2nd; Woodward, B. U., 3rd. Time: 10½ sec.

220 yds.: Won by Morrison, Tech; Linerici, B. U., 2nd; Powers, B. U., 3rd. Time: 23½ sec.

440 yds.: Won by Pickwick, Tech; Bronbrough, B. U., 2nd; Woodward, B. U., 3rd. Time: 55 sec.

One-half mile: Won by Wharton, B. U.; Hoar, Tech, 2nd; Ashen, B. U., 3rd. Time: 2 min. 11 sec.

Mile: Won by Hoar, Tech; Bowen, B. U., 2nd; Anderson, Tech, 3rd. Time: 4 min. 57 sec.

Two mile: Won by Johnson, Tech; Hayden, Tech, 2nd; Wilson, Tech, 3rd. Time: 11 min. 7 sec.

Low hurdles: Won by Lundgren, Tech; Lyman, Tech, 2nd; Ward, B. U., 3rd. Time: 28½ sec.

High hurdles: Won by Lundgren, Tech; Frank, B. U., 2nd; Carter, Tech, 3rd. Time: 18 sec.

High jump: Won by Faulk, B. U.; Ward, B. U.; Wrightman, Tech, and Lundgren, Tech, tied for 2nd and 3rd. Height: 5 ft. 4 ins.

Broad jump: Won by Pettingill, B. U.; Wrightman, Tech, 2nd; Carter, Tech, 3rd. Distance: 19 ft. 2 ins.

Pole vault: Won by Huntington, Tech; Lyman, Tech, and Brown, Tech, tied for 2nd.

Hammer throw: Won by Phagterplace, B. U.; Dudley, Tech, 2nd; Brown, Tech, 3rd. Distance: 100 ft. 5 ins.

Shot put: Won by Phagterplace, B. U.; Larivilla, B. U., 2nd; Brown, Tech, 3rd. Distance: 35 ft. 1 in.

Discus throw: Won by Phagterplace, B. U.; Brown, Tech, 2nd; Faulk, B. U., 3rd. Distance: 93 ft. 6 in.

#### EXTENSIVE COMMENCEMENT PLANNED FOR THIS YEAR

##### 50th Anniversary for '71, First Class to Graduate From Institute

Graduation, this year, will take place on Friday, the tenth of June. Although everything is not definitely arranged, the program will probably be as follows:

On Sunday, June 5, the Baccalaureate sermon will be given by the Rev. Shep-

herd Knapp at the First Congregational Church.

As yet, nothing has been planned for Monday, the sixth.

On Tuesday, the Seniors will have their theatre party.

The Class Banquet will take place Wednesday evening, at Hotel Warren. All ex-'21 men are invited.

On Thursday, there will be the usual class-day exercises on the campus in front of Boynton Hall. At the last meeting of the class, the following speakers for class exercises were elected: George Bijur is the orator and Daniel McCarthy the historian. After the exercises, Dr. Hollis will give a reception at his home for the graduating class and their friends. In the evening the annual Senior Promenade will take place in the Gymnasium. It is exclusively for the Seniors and all ex-'21 men, whether attending the Institute now or not.

On Friday, the usual graduation exercises will take place in the Gymnasium at 10:00 A. M. Immediately after commencement there will be a business meeting of the Alumni, also in the Gymnasium. On Friday afternoon, the Alumni will have a sort of field-day on Alumni Field. Their program is not definitely known as yet, but will probably consist of obstacle races, fat-man races, three-legged runs, etc. In the evening, they will hold a banquet in Mechanics Hall.

A mixed program is planned for Saturday morning, in which the Seniors and underclassmen will endeavor to entertain the Alumni, probably with track events and Gym. Class exhibitions, mingled with a few stunts by the Seniors. The same morning, there will be a baseball game between the Alumni and the Faculty on the Field.

The Norton Co. has loaned their boat club for Saturday afternoon. There will be canoe tilting, obstacle races, and other water sports. Probably the Alumni will have a dance there in the evening, although this is not definitely arranged.

From the above outline, it can be seen and inferred that Commencement week for the Class of 1921 will be as extensive and interesting as any in several years.

"And then he kissed her on the cheek!"

"Oh, how aimless!"—Jack-O-Lantern.

#### WHO'S WHO AT TECH.

President, 1921	I. R. Smith	P-50928
President, 1922	C. H. Needham	P-50928
President, 1923	J. A. Whelpley	P-1564
President, 1924	Wm. Welch	P-50928
Bus. Manager, Tech Show	C. H. Needham	P-50928
Manager Musical Association	E. L. Sholz	P-1050
Football Manager	G. V. Upton, Jr.	P-52278
Baseball Manager	C. A. Callahan	P-1564
Basketball Manager	E. B. Saunders	P-52278
Track Manager	P. H. White	P-1564
Tennis Manager	R. E. Chapman	P-57572
TECH NEWS—Editorial	R. A. Reed	P-57572
TECH NEWS—Business	H. P. Putnam	P-50928
1921 Aftermath-Editorial	R. G. Ferguson	P-52278
1921 Aftermath-Business	H. E. Drake	P-50928
General Secretary	Y. M. C. A. W. B. Anthony	P-687

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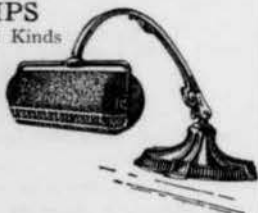
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### Y. M. C. A. CONFERENCE HELD IN PROVIDENCE SATURDAY

The New England Officers' Training conference for leaders of college Christian Associations, was held at Brown University, Providence, R. I., April 29, 30 and May 1. The men by whom our Tech Y. M. C. A. was represented were: C. H. Needham, '22, president; G. J. Danielson and L. F. Sanborn, both '24, and Mr. Anthony. G. Sherwood Eddy was one of the principal speakers on the program.

At an executive meeting held last Thursday, a visit was received from Sam Hocking, state student secretary of the Y. M. C. A. He came here in interest of the Silver Bay conference which is to be held June 24-July 3. More concerning this conference will be given out later.

Four gavels have recently been received from Harland J. Stuart of the Jaro Industrial School in the Philippines, with which all of us are now

familiar. They are made of natural colored wood and are all hand carved. They are now on exhibition at the Y. M. C. A. for the benefit of those who would like to see the results of the handiwork of the boys of this school. Each class at Jaro is presenting a gavel to the corresponding class here at Tech. These are presented as a slight token of gratitude for the work which Tech has been doing in the Jaro Industrial School. They will probably be presented at the next assembly.

### CHEMISTRY DEPT. NOTES

The Senior Chemists made an inspection trip to the Slater Mill in Webster on Monday, April 25. Here they had an opportunity to see the different processes involved in the bleaching, dyeing, mercerizing, and printing of fabrics. The new electrolytic bleaching process which has been recently installed was of especial interest. Mr. Forsdale, W. P. I. '18, and Mr. Mitchell, W. P. I. '18, are with this company



### What Makes the Firefly Glow?

**Y**OU can hold a firefly in your hand; you can boil water with an electric lamp. Nature long ago evolved the "cold light." The firefly, according to Ives and Coblenz, radiates ninety-six percent light and only four percent heat. Man's best lamp radiates more than ninety percent heat.

An English physicist once said that if we knew the firefly's secret, a boy turning a crank could light up a whole street. Great as is the advance in lighting that has been made through research within the last twenty years, man wastes far too much energy in obtaining light.

This problem of the "cold light" cannot be solved merely by trying to improve existing power-generating machinery and existing lamps. We should still be burning candles if chemists and physicists had confined their researches to the improvement of materials and methods for making candles.

For these reasons, the Research Laboratories of the General Electric Company are not limited in the scope of their investigations. Research consists in framing questions of the right kind and in finding the answers, no matter where they may lead.

What makes the firefly glow? How does a firefly's light differ in color from that of an electric arc, and why? The answers to such questions may or may not be of practical value, but of this we may be sure—it is by dovetailing the results of "theoretical" investigations along many widely separated lines that we arrive at most of our modern "practical" discoveries.

What will be the light of the future? Will it be like that of the firefly or like that of the dial on a luminous watch? Will it be produced in a lamp at present undreamed of, or will it come from something resembling our present incandescent lamp? The answers to these questions will depend much more upon the results of research in pure science than upon strictly commercial research.

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